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 No. 38] NEW DELHI, SATURDAY, SEPTEMBER 22, 1979 (BHADRA 31, 1901)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असम संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड २

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस
 Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE
 PATENTS AND DESIGNS
 Calcutta, the 22nd September 1979

CORRIGENDA

(1)

In the Gazette of India, Part III, Section 2 dated the 14th July 1979 under the headings "PATENTS SEALED" for 144722 read 143722.

(2)

In the Gazette of India, Part III, Section 2 dated the 8th September 1979 under the headings "PATENTS SEALED" for 144226 read 144236.

APPLICATION FOR PATENTS FILED AT THE (HEAD OFFICE)

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

16th August, 1979

844/Cal/79. Orissa Cement Limited. Process of making composite refractory Zircon Bricks.

845/Cal/79. Orissa Cement Limited. Process of making composite refractory Basic Bricks.

846/Cal/79. Rhone-Poulenc Industries. Uranium recovery.

847/Cal/79. Elektro-Thermit GmbH. Casting mould for use in the aluminothermic welding together of rails.

848/Cal/79. The Marley Company. Low head non-clogging water distribution nozzle for cooling towers.

849/Cal/79. Deutsche Gold Und Silber Scheideanstalt Vormals Roessler. A process for the production of [1, 1-dithien-(3)-yl(1-propen-(3)-yl)-[1-Phenyl-1-hydroxy-(2)-propyl]-amine. [Divisional Date—December 13, 1977.]

17th August, 1979

850/Cal/79. Chitta Ranjan Mukherjee. Improved electrical generator and motor.

851/Cal/79. Maschinenfabrik Augsburg-Nurnberg Aktiengesellschaft. Arrangement of oil pump.

852/Cal/79. Pilkington Brothers Limited. Thermal treatment of glass. (August 17, 1978.)

853/Cal/79. Pilkington Brothers Limited. Thermal toughening of glass. (August 17, 1978.)

854/Cal/79. Viktor Zupancic & Joze Mislavcic. Machines.

855/Cal/79. Westinghouse Electric Corporation. Capacitor having dielectric fluid with high di-isopropyl biphenyl content.

18th August, 1979

856/Cal/79. Maschinenfabrik Rieter A.G. Web crushing arrangement for a card web.

857/Cal/79. Petrocarbon Developments Limited. Recovery of hydrogen and ammonia from purge gas. (June 7, 1979).

858/Cal/79. Westinghouse Electric Corporation. Thermally sensitive protective device for a transformer.

859/Cal/79. Westinghouse Electric Corporation. Hybrid switched-capacitor controlled-inductor static var generator and control apparatus.

860/Cal/79. Orissa Cement Limited. Pre-Cast reinforced concrete structure with multi-latrines. [Addition to No. 143766.]

20th August, 1979

861/Cal/79. Stork Brabant B.V. Squeegee for screen printing machine.

862/Cal/79. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. Fuel-injector.

863/Cal/79. Metallgesellschaft A.G. Sieving roller conveyor for green pellets.

21st August, 1979

864/Cal/79. Kumiai Chemical Industry Co. Ltd. Organic phosphoric ester derivatives, process for preparing the same and insecticidal or miticidal composition containing the same.

865/Cal/79. Applied Science Research Institute. Electrolytic cell of high voltage.

866/Cal/79. Emilian Bobkowicz. Universal spinning system.

867/Cal/79. Silver Sciko Ltd. Neddle selection mechanism in a hand-operated knitting machine.

868/Cal/79. Donetsky Filial Vsesojuznogo Nauchno-Issledovatel'skogo I Proektogo Instituta Po Ochistke Tekhnologicheskikh Gazov, Stochnykh Vod I Ispolzovaniyu Vtorichnykh Energoresursov Predpriyatiy Chernoi Metalurgii. "Method of treating industrial waste waters containing sodium calcium and magnesium chlorides.

22nd August, 1979

869/Cal/79. Montedison S.p.A. Catalyst components and catalysts for the polymerization of alpha-olefines.

870/Cal/79. Aktiebolaget Iro. A weft thread control device for a weaving loom with removal of the weft thread from a supply spool.

871/Cal/79. Voest-Alpine Aktiengesellschaft. Assembly for cooling the teeth of the cutting head and the rock face.

872/Cal/79. Westinghouse Electric Corporation. Var generator with current sensitive inductance break point.

873/Cal/79. Sintokogio Ltd. Method of and apparatus for molding a drag mold part.

APPLICATION FOR PATENTS FILED AT THE BOMBAY BRANCH

4th August, 1979

215/BOM/1979. Ali Haiderali Haideri. A tool holder assembly.

6th August, 1979

216/BOM/1979. Sukumar Mukherjee. Construction of bored precast piles with a new annulus filler.

7th August, 1979

217/BOM/1979. The Associated Cement Companies' Ltd. A novel multi port rotary valve.

9th August, 1979

218/BOM/1979. Arun Laxman Kudale. An apparatus to check imensional accuracy with reference to a master.

219/BOM/1979. Jayant Ganesh Viadya. Phase convertor.

220/BOM/1979. Yashavant Purushottam Patil. Variable field permanent magnet.

APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)
13th August, 1979

152/Mas/79. The Fertilisers and Chemicals, Travancore Ltd. A Process for the purification of wet process phosphoric acid and for the recovery of Uranium as a Concentrate.

16th August, 1979

153/Mas/79. Indicarb Limited. Copy Turning Insert.

17th August, 1979

154/Mas/79. Hegde & Golay Ltd. A Method of Making Multilayer Printed Circuit Boards.

155/Mas/79. N. Palani. Surfdynam.

18th August, 1979

156/Mas/79. B. S. Kaustubhan. Profile Tracing Lathe Attachment.

ALTERNATION OF DATE

146830.
134/Mas/77. Ante-dated to 24th September, 1976.

146839.
715/Cal/78. Ante-dated to 17th November, 1976.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents or any of the applications concerned at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of the each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification.

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Shankar Ray Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with the photo copies of the drawings, if any can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to the office.

CLASS 62,2 & 155E.
Int. Cl. D06p 1/00.

146821.

IMPROVEMENT IN OR RELATING TO DISCHARGE PRINTING PASTES AND METHOD OF PRINTING TEXTILES THEREWITH.

Applicant : DEEPAK HUTHFESING, AN INDIAN NATIONAL, 4, FIGIN ROAD, CALCUTTA-700020, (WEST BENGAL) INDIA.

Inventor : JAYANT PRAMODRAI MAJUMDAR.

Application No. 1475/Cal/76 filed August 13, 1976.

Complete Specification Left November 1, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A discharge printing paste of the kind described for printing fabrics of synthetic/man-made material which is blended with cellulosic material, said paste including anthraquinone and stannous chloride characterised in that the combined proportion of anthraquinone and stannous chloride is between 7 and 9.5 percent by weight of the paste.

Prov. Specn. 5 Pages. Comp. Specn. 12 Pages. Drags. Nil.

CLASS 85-I.
Int. Cl. C21d 9/52, 9/56. 146822.

APPARATUS FOR HEATING A WORKPIECE.

Applicant : ALLEGHENY LUDLUM INDUSTRIES, INC., OF 2000 OLIVER BUILDING, PITTSBURG H, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventor : WILLIAM MILLARD BLOOM.

Application No. 1909/Cal/76 filed October 19, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

Apparatus for heating a workpiece which comprises an elongated main furnace section having a heating chamber through which the workpiece passes from an entry to an exit end; fuel burners in said main furnace structure an opening at the entry end of said heating chamber for receiving said workpiece and waste gases from the combustion of said fuel; a jet recuperator at the entry end of said main section having a heating chamber through which the workpiece passes to said heating chamber in said main furnace section, said recuperator including a waste gas chamber having a wall adjacent the path of travel of said workpiece with holes therethrough, and a fan for receiving waste gases from said main furnace section delivering them through said waste gas chamber and said holes against said workpiece; and means for moving said workpiece through said heating chambers and exit end of said main furnace section.

Comp. Specn. 14 Pages. Drags. 3 sheets.

CLASS 72.9. 146823.
Int. Cl. D01g 23/00.

APPARATUS FOR LOADING OF TRANSPORT TROLLEYS WITH FULL CANS.

Applicant : MASCHINENFABRIK RIETER A.G. OF WINTERTHUR, SWITZERLAND.

Inventor : FURT WEBER.

Application No. 2111/Cal/76 filed November 25, 1976.

Convention date December 8, 1975 (50178/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

An apparatus for loading transport trolleys with full cans of sliver at a sliver-producing spinning preparatory machine, the said apparatus comprising a transport trolley shifting device at the can loading position for bringing interconnected can transport trolleys to the said station, a first pushing device at the can loading station arranged to move a group of can off a transporting trolley, to a can input station, a rotatable can transport device by which the cans can be transported from the can input station to a spinning preparatory machine delivering fibre sliver and on to a can output station where a second pushing device is arranged to move the cans from the output station to transporting trolleys of the same train.

Comp. Specn. 11 Pages. Drags. 2 Sheets.

CLASS 27-I & 131A. 146824.
Int. Cl. E02d 17/48, E21d 1/00.

AN ARRANGEMENT FOR WIDENING AND FORMING SMALLER VERTICAL OR STRONGLY INCLINED SHAFTS.

Applicant : LINDENALIMAK AB, OF FACK 93103 SKELLEFTEA, SWEDEN.

Inventor : TORBJORN SVENSSON.

Application No. 110/Cal/77 filed January 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An arrangement for widening vertical or steeply inclined shafts, comprising a liftable and lowerable unit, with means for fixing the unit on a desired working level in a shaft, at least one drill with a corresponding feeder rail and means carrying the feeder rail, including means for adjusting it to different angular positions around an essentially central axis, extending essentially in the direction of movement of the unit, characterised in that said feeder rail has a length dimension substantially similar to the greatest dimension of the unit transverse to said central axis to accommodate long drill steels and extensions thereof, and that said feeder rail is carried by said carrying means to be positioned in working positions such that the geometrical projections of said feeder rail in its different angular positions upon an arbitrary imaginary plane transverse to said central axis pass through the central region of the geometrical projection of the entire unit upon the same plane.

Comp. Specn. 9 Pages. Drags. 4 Sheets.

CLASS 32F, & 55E. 146825.
Int. Cl. A61k 27/00; C07c 17/00; 85/00.

PROCESS FOR PRODUCING SUBSTITUTED AMINES.

Applicant : SCIENCE UNION ET CIE, SOCIETE FRANCAISE DE RECHERCHE MEDICALE, OF 14, RUE DU VAL D'OR, SURESNAIS 92150, FRANCE.

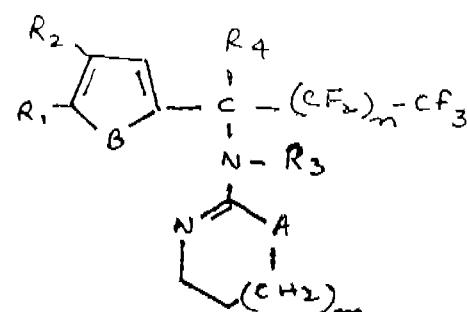
Inventors : CHARLES MAJEN, (2) PIERRE ROGER & MICHEL LAUBIE.

Application No. 839/Cal/77 filed June 4, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for preparing substituted amines of formula 1.



wherein R₁ and R₂ the same or different are hydrogen, a lower alkoxy radical, a lower alkylradical or a halogen,

R₄ is hydrogen, a methyl or an ethyl radical,

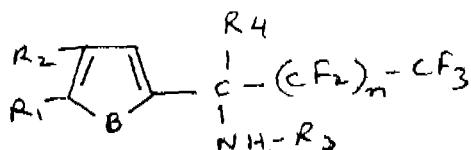
R₃ is hydrogen, a methyl or an ethyl or a cyclopropyl radical,

A is a heteroatom selected from the group consisting of oxygen and sulphur

b is bridge atom selected from the group consisting of -CH₂CH₂-oxygen, sulphur and the grouping -N-R₅ wherein R₅ is hydrogen or a lower alkyl radical,

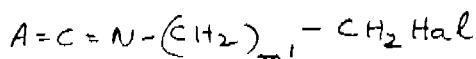
m is zero or 1, n is zero 1 or 2

and the optically active isomers of a compound of formula I, which comprises condensing a compound of formula II.



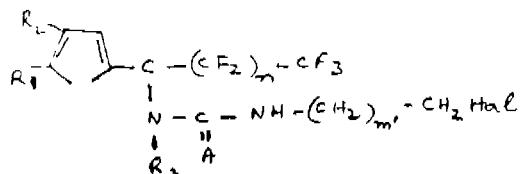
wherein the substituents B, R₁, R₂, R₃, R₄ and n have the previously given meanings

with a (o-halogenoalkyl) isocyanate or thiocyanate having the formula III.



in which A is oxygen or sulphur, Hal is a chlorine, bromine or iodine and m' is integer of 1 or 2

to produce a ω -halogeno alkyl urea or thio-urea of formula IV.



in which the substituents R₁, R₂, R₃, R₄, A, B, Hal, n and m' have the above-given definitions.

which is cyclized by heating in an aqueous medium to form a compound of formula I'

in which A is oxygen or sulphur and the substituents B, R₁, R₂, R₃, n and m have the above-given definitions,

which, if desired, resolved into their optical isomers by means of an optically active organic acid.

Comp. Specn. 29 Pages. Drags. 2 Sheets.

CLASS 34A & 74 & 155E. 146826.
Int. Cl. C09j 7/00.

PRESSURE-SENSITIVE ADHESIVE TAPE.

Applicant : JOHNSON & JOHNSON, AT 501, GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : RALF KORPMAN.

Application No. 1233/Cal/77 filed August 99, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A conformable adhesive tape for easy removal from an application surface by lengthwise stretching of the tape to separate the adhesives from the application surface, which comprises a highly extensible elastic backing film and a normally tacky and pressure-sensitive elastomeric adhesive layer on at least one of the major surfaces of the film; said film being formed from an elastomeric and thermoplastic film forming composition which comprises (1) an elastomeric component consisting essentially of linear or radial A-B-A block copolymers or mixtures of these linear or radial A-B-A block copolymers with simple A-B block copolymers, said A-blocks being derived from styrene or styrene homologues and said B-blocks being derived from conjugated dienes or lower alkenes, and (2) 0-200 parts per one hundred parts by weight of the elastomeric component, of a resin component consisting essentially of low molecular weight resins adapted to associate principally with the thermoplastic A-blocks of said block copolymers; said film possessing : (a) a lengthwise elongation to break of at least 200 per cent, (b) 50% rubber modulus of not more than 2,000 pounds per square inch, and (c) an elastic recovery from 50 per cent stretch of at least 75 per cent.

Comp. Specn. 22 Pages. Drags. 1 Sheet.

CLASS 90F.
Int. Cl. A44c 5/02.

146827.

A MACHINE FOR THE MANUFACTURE OF A COIL OF GLASS.

Applicant & Inventor : KHALIL ADIL KHAN, WONDER GLASS WORKS, S. N. ROAD, FIROZABAD, AGRA, U.P. AN INDIAN NATIONAL.

Application No. 281/De1/78 filed April 17, 1978.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

5 Claims.

A machine for the manufacture of a coil of glass from which bangles can be formed comprising :

a coiling roller on which the coil of bangles is to be formed by drawing a thread of molten glass from a rod in the conventional manner characterised by that the means for rotating the coiling roller and simultaneously causing the same to travel laterally comprises a first guide block slidably mounted on guide rods, one end of the coiling roller extending into the said first guide block, a pulley or a sprocket wheel mounted on the said extended end of the roller within the said first guide block and driven by a pulley or sprocket wheel slidably mounted on a driving shaft, said pulley being fitted on a third guide block connected to the said first guide block, a second guide block connected to the first guide block, said second guide block having a threaded bore and mounted on a threaded spindle thereby enabling the first guide block to travel laterally when the threaded spindle is rotated.

Comp. Specn. 8 Pages. Drags. 1 Sheet.

CLASS 169B2.
Int. Cl. F41g 1/02, 06, 32

146828

"A SIGHT UNIT FOR USE WITH A GUN OR RIFLE".

Applicant : BRIG. RANJIT LAL JETLEY, OFFICER-IN-CHARGE DFVFLPMENT TEAM, GUN CARRIAGE FACTORY, JABALPUR (M.P.) INDIA.

Inventor : RANJIT LAL JETLEY.

Application No. 1/BOM/1977 filed 3 Jan., 1977.

Appropriate Office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

9 Claims

A sight unit adapted for use with a gun or rifle for providing an accurate aiming during day and night comprising of a single foresight mounted at or in the proximity of the front end of the barrel of the gun, a back sight mounted at the rear of said gun, said foresight consisting of a pillar having a slit provided at the upper end thereof, an illumination source provided in said foresight for illuminating the tip of said slit, the back sight consisting of a day and night finger mounted coaxially to each other, each of said fingers having an opening, and wherein, the opening of said night finger is larger than that of said day finger, the centres of said openings being coincident with each other and with that of the tip of said slit.

Class 160C
Int. Cl. B60s 1/46, 1/54.

146829

"AN AIR OPERATED WIND SCREEN WASHER DEVICE."

Applicant : TATA ENGINEERING AND LOCOMOTIVE COMPANY LIMITED BOMBAY HOUSE 24, HOMI MODY STREET, BOMBAY-400023, MAHARASHTRA, INDIA.

Inventor : (1) GAURI PRAKASH AGARWAL, (2) VONTHIBETTU VIVEK ADYANTHAYA.

Application No. 17/BOM/1978, filed Jan. 12, 1978

Appropriate Office for opposition proceeding (Rule 4, Patents Rules 1972), Patent Office, Bombay Branch.

Wherein each R is independently hydrogen or a lower hydrocarbon-based group; Ar is an aromatic moiety having at least one aliphatic, hydrocarbon-based substituent, R¹, of at least 6 carbon atoms, and x is an integer of 1 to 10 with at least one amino compound as herein described which contains one or more amino groups having hydrogen bonded directly to an amino nitrogen.

Comp. Specn. 47 Pages. Drags. 1 Sheet.

CLASS 130-D+F+G.
Int. Cl. C22b 1/02.

146834.

PROCESS OF THERMALLY TREATING FINE GRAIN SOLIDS WITH HIGH OXYGEN GASES.

Applicant : METALLGESELLSCHAFT A.G. OF 16 FRANKFURT A.M. REUTERWEG 14, WEST GERMANY & DEUTSCHE BABCOCK AG., OF 42 OBERHAUSEN, WEST GERMANY.

Inventors : MARTIN RAHN, (2) DR. I. OTHAR REH, (3) BERND THONE, & DR. KAREL VYDRA.

Application No. 1029/Cal/77 filed July 6, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process for thermally treating particulate solids with a high-oxygen gas comprising the steps of :

(a) mixing said particulate solids with said gas to form a first suspension;

(b) introducing said first suspension to a vertical elongated combustion path at a velocity sufficient to prevent back-flaring and reacting said first suspension to a form a second suspension, in which the suspended phase consists predominantly of molten particulates;

(c) introducing said second suspension into a cyclone chamber and further separating the components of said second suspension in said cyclone chamber to form a melt and exhaust gas, said cyclone chamber having an axial outlet in an end wall thereof whereby a coreflow region of gas is formed in said cyclone chamber;

(d) withdrawing said melt from said cyclone chamber through an opening in the lower portion of the shell;

(e) passing said exhaust gas from said outlet over a gas-transfer region immediately into a succeeding cooling chamber, said core-flow region, said gas-cooling chamber, said core-flow region, said gas-transfer region and said feed region defining a gas flow path;

introducing a reactant into said core-flow region or into said exhaust gas immediately downstream thereof.

Comp. Specn. 27 Pages. Drags. 2 Sheets.

CLASS 127-I & 166c.
Int. Cl. B63n 1/00.

146835.

DEVICE FOR AND METHOD OF TEMPORARILY SEALING AND SUPPORTING SHAFTS.

Applicant : BELOIT CORPORATION, BELOIT, WISCONSIN 53511, U.S.A.

Inventors : ALEXANDER DAVID CORMACK & BORIS KOOL.

Application No. 257/Cal/77 filed February 21, 1977

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A shaft assembly comprising an operatively movable shaft extending into a zone which may be placed under fluid pressure, primary shaft supporting and driving means adjacent one end of the shaft, primary sealing means providing a fluid-tight seal about said shaft, normally inactive secondary supporting and sealing means located about a portion of the shaft on the high pressure side of said primary sealing means, and actuating means operable to activate said secondary supporting and sealing means in a manner to provide

a fluid-tight seal about said shaft without axial shifting of the shaft, so that after activation of said secondary supporting and sealing means the primary sealing means may be released from sealing relation to the shaft without substantial leakage of fluid past the shaft from said fluid pressure zone.

Comp. Specn. 17 Pages. Drags. 2 Sheets.

CLASS 90-I.
Int. Cl. C03c 23/10.

146836.

ARRANGEMENT FOR DRAWING FILAMENTS FROM MOLTEN GLASS INCLUDING MEANS FOR DETECTING BREAKAGE OF GLASS FILAMENT.

Applicant : NITTO BOSEKI CO., LTD. OF 1, AZA HIGASHI, GONOME, FUKUSHIMA-SHI, JAP.

Inventors : ISAO WAKASA (2) YUTAKA KAWAGUCHI, (3) HIROAKI SHONO.

Application No. 1272/Cal/77 filed August 17, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

An arrangement for producing glass fiber filaments from molten glass comprising a glass furnace for holding molten glass, said glass furnace having an orifice plate having a plurality of orifices for passing the molten glass therethrough means for drawing filaments from the inverted cones of molten glass formed at the undersurface of the orifice plate, and means for detecting and monitoring the breakage of said filaments while being drawn for purposes of enabling establishment of continuity of drawing of filaments as quickly as possible, wherein said means for detecting and monitoring the breakage comprises a radiation thermometer arranged at the under surface of the orifice plate in such a way that a portion of a glass fiber filament at least immediately below at least one of said orifices is focused on the field of view of said radiation thermometer, the variation in output from said radiation thermometer as the result of a breakage of the filament through said one orifice, being an indication of such filament breakage.

Comp. Specn. 17 Pages. Drags. 3 Sheets.

CLASS 108C₁ & C₁ & C₂.
Int. Cl. C21c 5/56.

146837.

PROCESS FOR THE PRODUCTION OF STEEL FROM IRON OXIDE.

Applicant : HAZEN RESEARCH, INC. OF 4601 INDIA-NA STREET, GOLDEN, COLORADO, UNITED STATES OF AMERICA.

Inventor : FRANK MOE STEPHENS, JR.

Application No. 275/Del/77 filed September 29, 1977.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

10 Claims.

A process for the production of steel from iron oxide in which in a first step, the iron oxide is carburized in a fluidized bed by a mixture of gases containing hydrogen and a carbonaceous material characterised in that the hydrogen is present in an amount exceeding 50% by volume of the carbon monoxide present in the fluidized bed and the reaction is carried out at a temperature between 480°C and 705°C.

Comp. Specn. 17 Pages. Drags. 1 Sheet.

CLASS 130F & G.
Int. Cl. C22b 1/02.

146838.

PROCESS OF THERMALLY TREATING FINE GRAIN SOLIDS WITH OXYGEN GASES.

Applicant : METALLGESELLSCHAFT A.G. OF 16 FRANKFURT A.M. REUTERWEG 14, WEST GERMANY, & DEUTSCHE BABCOCK AG. OF 42 OBERHAUSEN, WEST GERMANY.

Inventors : MARTIN RAHN, (2) DR. LOTHAR REH, (3) BERND THONE, & DR. KAREL VYDRA.

Application No. 1028/Cal/77 filed July 6, 1977.

Appropriate office for opposition proceedings (Ruled 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A process of thermally treating fine-grained solids as herein defined used for pyrometallurgical treatments, particularly for the roasting of sulfide ores, ore concentrates, and metallurgical intermediate products with high-oxygen gases as herein defined at temperatures at which said solids form molten and gaseous products in a cyclone chamber having an axis which is inclined 0 to 15° from the horizontal, characterized in that the molten product which is separated is discharged through an opening provided in the lower portion of the shell of the cyclone chamber, the gas stream from which most of the molten products have been removed is discharged through an opening, which is formed in the end wall and lies approximately in the axis of the cyclone chamber into a cooling chamber and is collated in the cooling chamber in such a manner that the molten droplets contained in the gas stream entering the cooling chamber are collated below their solidification point as they fly freely.

Comp. Specn. 21 Pages. Drgs. 2 Sheets.

CLASS 32A1 146839.
Int. Cl.-C09b 31/16, 43/00.

A PROCESS FOR THE MANUFACTURE OF WATER-SOLUBLE TRISAZO-DYESTUFF".

Applicant : CASSELLA FARBWERKE MAINKUR AK TIENGESFLSCHAFT, OF 6 FRANKFURT (MAJN)-FECHENHEIM, WEST GERMANY, 526, HANAUER LANDSTR.

Inventors : WOLFGANG BAUER AND JOACHIM RIBKA.

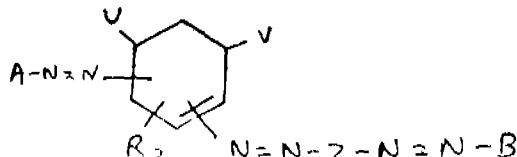
Application No. 715/Cal/78 filed June 28, 1978.

Division of Application No. 2067/Cal/76 filed November 17, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

Process for the manufacture of water-soluble trisazo dyestuff of the general formula II



wherein Z denotes the radical of formula A, of formula B of the drawings, X denotes R₁

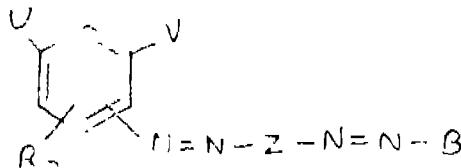
-N-, -S- or -O-, R,

denotes hydrogen, alkyl having 1 to 4 C atoms, phenyl or benzyl, R₁ denotes hydrogen, alkyl having 1 to 4 C atoms, alkoxy having 1 to 4 C atoms, -SO₃H, -NO₂ or halogen. A denotes the radical of a diazo component of the benzene, naphthalene, benzthiazole or 2-(4'-aminophenyl)-6-methylbenzthiazole series, B denotes the radical of coupling component of the benzene, naphthalene, 6-hydroxy-pyridone, pyrazolone, acetoacetic acid arylide, dihydroxy-quinoline or 2, 6-diaminopyridine series, U denotes -OH or -NR₂R, or a bridge of the formula -O-Cu-O-, V denotes -OH or -NR₂, R₁ and R₂, R₁, R₂ independently of the another denote hydrogen, alkyl having to 4 C atoms, phenyl, tolyl or acyl having 2 to 5 C atoms as well as carboxyalkyl, sulphonylalkyl or hydroxyalkyl having in each case 1 to 2 C atoms in the alkyl radical, and wherein the nuclei I and/or II and/or the radical A can additionally carry further substituents such as hercine before define and the dyestuff molecule contains at least one sulphonyl or carboxyl group and sulphonyl and/or carboxyl groups can also be

present in the salt form, characterised in that an amine of the general formula VIII



wherein A has the abovementioned meaning, is diazotised in a conventional manner, and the resulting diazo compound as coupled in a known manner in an aqueous medium at temperatures between -10 and +30°C and a pH value between 4 and 12, with a diazo dyestuff of the general formula X



of the drawings, wherein B, B₁, U and V have the abovementioned meanings and Z denotes formula A' or B, and at least one of the components contains at least one sulphonyl or carboxyl group and, if U denotes -DH, optionally coppering the dyestuff obtained in a manner which is itself known.

Comp. 54 pages. Drgs. 4 sheets.

CLASS 42C. 146840.
Int. Cl. A24f 7/04.

A FILTERING DEVICE FOR CIGARETTES AND PIPES.

Applicants & Inventors : DHANANJAY RAMCHANDRA PHATAK, (2) MRS. VIJAYA DHANANJAY PHATAK AND (3) RAMCHANDRA DIWARKER PHATAK, OF 17, CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 94/Cal/77 filed January 24, 1977.

Complete Specification left March 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A filter for causing a filtration of smoke from a burning cigarette or pipe comprising an elongate member therein, a holder means provided at one end of said elongate member, a mouth and provided at the opposite end of said elongate member a water chamber provided between said mouth end and the holder a first capillary tube in flow communication with said holder and adapted to allow the smoke to pass through the water stored in said water chamber and a second capillary tube in flow communication with said mouth end and through which the filtered smoke is adapted to flow.

Comp. 13 pages. Drgs. 1 sheet.

CLASS 69A. 146841.
Int. Cl.-H01h 33/00.

MODULAR PUFFER-TYPE CIRCUIT-INTERRUPTER UNIT ADAPTABLE FOR DIFFERENT VOLTAGE AND CURRENT RATINGS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY, CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : JEFFRY RUSSELL MEYER AND ROBERT LOUIS HESS.

Application No. 523/Cal/77 filed April 7, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A modular-type puffer interrupting unit comprising a stationary contact structure and a separable movable contact structure, a side-insulating baffle plate to support the stationary and movable contact structures in a predetermined spaced

condition, a metallic supporting plate, means securing said baffle plate to said metallic support plate, a stationary piston structure secured to said support plate, a movable operating cylinder carrying said movable contact structure and arranged to slide over said piston structure for compression of gas therebetween, line-terminal connecting means, flexible means to electrically interconnect the stationary contact structure to said line-terminal means, and actuating means to effect simultaneous operation of the movable operating cylinder with the movable contact structure away from the stationary contact structure whereby to cause arc-extinction.

Comp. 14 pages, Drgs. 7 sheets.

CLASS 32F2(a) & 40B. 146842.
Int. Cl.-C01g 3/00.

A PROCESS FOR THE PREPARATION OF A COPPER CATALYST.

Applicant : BAYER AKTIENGESELLSCHAFT, OF 5090 LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY, OF GERMANY.

Inventors : JOACHIM GEORGE AND JOACHIM REPPINGER.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A process for the preparation of a catalyst which comprises reacting a copper compound such as hercin described with N-methylpyrrolidone in a molar ratio of from 2 : 1 to 1 : 10.

Comp. 9 pages, Drg. 1 sheet.

CLASS 35C. 146843.
Int. Cl.-C04b 7/02, F27d 17/00.

IMPROVED METHOD OF AND APPARATUS FOR PROCESSING RAW CEMENT MATERIALS IN SYSTEM UTILIZING SUSPENSION PREHEATER WITH KILN OFF-GAS BYPASS SYSTEM AND GAS COMPENSATION.

Applicant : ALLIS-CHALMERS CORPORATION, OF 1126 SOUTH 70th STREET, WFST ALLIS 14, WISCONSIN, UNITED STATES OF AMERICA.

Inventors : ROBERT FRED KOHL, LYLE ANTHONY KARIS AND JAMES LEROY SHY.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A method of processing raw cement materials for making Portland cement in a system utilizing a kiln, an associated cooler at one end of the kiln for receiving the material from the kiln, and a flue connection between the other end of the kiln and a suspension preheater which includes a calciner, wherein the material to be processed is suspended in a gas stream in the suspension preheater, comprising the steps of :—

- regulating the amount of kiln off-gas that is permitted to pass into the suspension preheater;
- bypassing the remainder of the kiln off-gas around the suspension preheater through a bypass system;
- supplying gas from a cooler associated with the kiln kiln to the suspension preheater to compensate for at least a portion of the kiln off-gas bypassed around the suspension preheater through the bypass system; and
- characterised by regulating the flow of the gas supplied from said cooler and said amount of kiln off-gas passing into the suspension preheater by adjustment of the flow area at the entrance to the suspension preheater to control the flow velocity of the gases passing into the suspension preheater thereby preventing materials in the suspension preheater from short-circuiting the normal material flow path through the suspension preheater by falling directly into the kiln.

Comp. 19 pages.

CLASS 32F2a & F2b & F2c & 55D2.
Int. Cl.-C07c 149/12, A01n 7/12.

146844.

A METHOD OF PREPARING NOVEL SYMMETRICAL N-SUBSTITUTED BIS-CARBAMOYL SULFIDE COMPOUNDS.

Applicant : UNION CARBIDE CORPORATION, OF 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

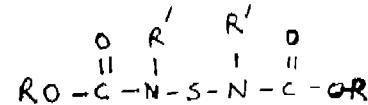
Inventor : THEMISTOCLES DAMASCENO JOAQUIM D'SILVA.

Application No. 517/Cal/78 filed May 12, 1978.

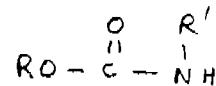
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

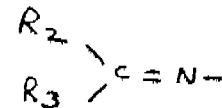
A method of preparing a compound of the formula :



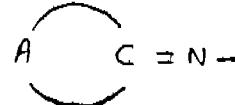
which comprises reacting sulfur monochloride and two equivalents of a compound of the formula :



in the presence of two equivalents of an acid acceptor such as hereinbefore defined wherein R is a group of the formula shown in Fig. 1



or Fig. 2



of the accompanying drawings, wherein R₂ is alkyl, alkylthio, alkoxy, alkaryl or alkoxy-carbonyl, all of which may be unsubstituted or aliphatically substituted in any combination with one or more cyano, nitro, alkylthio alkylsulfinyl, alkylsulfonyl, alkoxy or R₂R₃-NCO- groups; or R₂ is phenyl, R₂R₃NCO- or R₂CON(R₁); wherein R₁ and R₂ individually hydrogen or alkyl; R₃ is hydrogen, alkyl or alkoxy; R₄ is hydrogen, alkyl, alkylthio or cyano; A is a four or five member divalent aliphatic chain which includes one or two divalent oxygen, sulfur, sulfinyl or sulfonyl groups and which may include not more than one divalent amino, alkylamino or carbonyl groups, in any combination; provided that the total number of carbon atoms in R may not exceed eight and provided further that when R₂ is alkyl substituted with alkylthio, R₂ is alkyl or alkylthio; and R' is alkyl containing from one to four carbon atoms.

Comp. 23 pages, Drgs. 1 sheet.

CLASS 97F.
Int. Cl.-H05b 3/00.

146845.

APPARATUS FOR APPLYING TORQUE TO ELECTRODES.

Applicant : UNION CARBIDE CORPORATION, OF 270 PARK AVENUE, NEW YORK, STATE OF NEW YORK 10017, UNITED STATES OF AMERICA.

Inventor : IRVIN CHARLES SIMON.

Application No. 997/Cal/76 filed June 9, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Apparatus for applying torque to an electrode section, said apparatus comprising a ring member encircling and fixedly engaging the electrode section; a ring gear member rotatably supported by said ring member so as to encircle said electrode section; drive means fixedly supported on said ring member; a drive gear coupled to said drive means and engaging said ring gear; and arresting means arranged to engage said ring gear and prevent rotation thereof upon engagement therewith whereby upon actuation of said drive means torque is applied to cause rotation of said electrode section.

Comp. 8 pages, Drgs. 4 sheets.

CLASS 107H
Int. Cl.-G02m 61/10.

146846.

FUEL INJECTION SYSTEMS FOR INTERNAL COMBUSTION ENGINES.

Applicant : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, 819 2 XF, ENGLAND.

Inventors : ALEC HARRY SEILLY AND PAUL LAKRA.

Application No. 1642/Cal/76 filed September 7, 1976.

Convention date September 19, 1975/(38493/75) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A fuel injection system for supply fuel to an internal combustion engine comprising in combination, a stepped valve member movable within a cylinder, the narrower end of said valve member constituting a valve to control flow through an outlet, a conduit through which the wider end of said valve member is subject to a fluid pressure so that the valve is urged to a closed position, a further conduit through which fuel under pressure can flow to act on a step on said valve member to move the valve member to an open position and to allow fuel flow through said outlet, a displacement piston movable within a cylinder, one end of said cylinder communicating with said further conduit, a valve controlled fuel inlet to said one end of the cylinder, an operating piston slidably within a further cylinder, said operating piston having a larger area than said displacement piston, a supply conduit leading to the end of said further cylinder remote from said displacement piston, a first solenoid operated valve for connecting said supply conduit to said first mentioned conduit whereby when said first solenoid operated valve is open the displacement piston will be moved to generate a fuel pressure to act on said valve member, a second solenoid operated valve operable when said first solenoid operated valve is closed, to connect said supply conduit with a drain thereby to permit the displacement and operating pistons to move under the action of fuel flowing to said one end of the cylinder means for sensing the extent of movement of said pistons and a control circuit to which a signal from said means is supplied for controlling the operation of said first and second solenoid operated valves.

Comp.—16 pages, Drgs.—8 sheets.

CLASS 107H
Int. Cl.-F02m 37/00.

146847

FUEL INJECTOR.

Applicant : CUMMINS ENGINE COMPANY, INC., OF 1000 FIFTH STREET, CITY OF COLUMBUS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Inventors : GEORGE LOUIS MUNTEAN, HARRY LEE WILSON, AND JULIUS PETER PERR.

Application No. 1893/Cal/76 filed October 16, 1976.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

A fuel injector for injecting liquid fuel into a cylinder of an internal combustion engine, the injector comprising an injector body, a plunger fitting closely in a bore formed in said body, a receiving chamber for fuel being defined in said

bore adjacent one end of the plunger, the plunger being reciprocable in said bore to effect alternately an injection stroke in which it decreases the volume of said receiving chamber and a return stroke in which it increases the volume of said receiving chamber, the injector body having a passage extending from said receiving chamber to fuel outlet holes formed in said body part, a tip valve assembly in the injector body operable to block said passage, the tip valve assembly including a tip valve movable between a first position and a second position in both of which said passage is blocked to cut off said receiving chamber from said fuel outlet holes, the tip valve assembly, in a range of positions of said tip valve intermediate said first and second positions, allowing communication between said receiving chamber and said fuel outlet holes via said passage, the arrangement being such that movement of the plunger can be transmitted to the tip valve, and such that, in operation of the injector, when said receiving chamber is filled with fuel and the plunger is moved in an injection stroke, the tip valve, during said injection stroke, is first moved, by movement of said plunger, away from said first position towards said second position, to allow fuel to flow from the receiving chamber via said passageway, to said outlet holes, and is subsequently moved into said second position to block said passageway and terminate the supply of fuel from the receiving chamber to said fuel outlet holes.

Comp.—24 pages, Drgs.—2 sheets.

CLASS 40F
Int. Cl.-C08f 47/00.

146848.

METHOD AND APPARATUS FOR PROCESSING POLYMERIC MATERIAL.

Applicant & Inventor : ZAHAV TADMOR, OF 641 STANDISH ROAD, TEANECK, NEW JERSEY 07666, U.S.A., FORMERLY OF 608 WINDHAM ROAD, TEANECK, NEW JERSEY, UNITED STATES OF AMERICA.

Application No. 1085/Cal/77 filed July 14, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

35 Claims.

A method of processing polymeric material comprising the steps of dragging the material by one wall relative to another for processing and discharge, in which the material is introduced at a feed point into a channel between opposed walls moving simultaneously toward a discharge point, retaining the material in the channel by a surface, blocking the channel adjacent the discharge point to restrain the main body of material from movement with the walls to create relative movement between the said body of the material and the walls, dragging forward portions of material in contact with the walls against the blocking for processing and discharge, and coordinating the rate of discharge of material from the channel with the surface area and the rate of movement of the opposed walls relative to the main body of material and to effect the desired processing.

Comp. 34 pages, Drgs. -3 sheets.

CLASS 55F4
Int. Cl.-A61k 27/00.

146849.

A PROCESS FOR THE PREPARATION OF BIOLOGICALLY ACTIVE COMPOSITIONS ENSURING CONTROLLED RELEASE OF ACTIVE INGREDIENTS.

Applicant : RICHTER GEGELEN VEGYESZETI GYAR R. T., OF 19-21 CYOMROU, BUDAPEST X, HUNGARY

Inventors : DR. JANOS DOBO, PRZSEBET TAKACS, GYozo HORTOBAGYI, DR. MARIANNE SKVORECZ NEE HAJNOCHY, ILONA KOLBE AND KATALIN HOFMANN NEE VAS.

Application No. 1405/Cal/77 filed September 14, 1977.

Appropriate office for the opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

A process for the preparation of biologically active compositions, particularly pharmaceutically active compositions

such as hereinbefore defined, ensuring controlled release of active ingredients, which comprises coating the biologically active substance, particularly the pharmaceutically active substance or granules containing such active ingredient with a coating containing a varnish forming polymer such as herein described being substantially insoluble in water and in the case of pharmaceutically active substances substantially insoluble in gastro-intestinal juices and an aqueous layer dispersed in the polymer and consisting of particles of a diameter of up to 20/ μ , preferably 1 to 5/ μ , and wherein the aqueous layer amounts to 2 to 30%, preferably 3 to 8% of the total volume and the particles of the aqueous layer contain one or several additives selected from an emollient such as hereinbefore defined related to the polymer a wetting agent as hereinbefore defined, a buffer and a hygroscopic substance such as hereinbefore defined, and optionally containing a part of the active ingredient too and optionally applying a layer containing a further active ingredient as hereinbefore defined on the coating by a method known per se.

Comp.—19 pages Digs.—2 sheets

CLASS 32F, & F, (a) & 55E
Int. Cl. C07c 169/00, 171/00

146850

PROCESS FOR THE MANUFACTURE OF NEW GONA 4, 9(10) DIENES

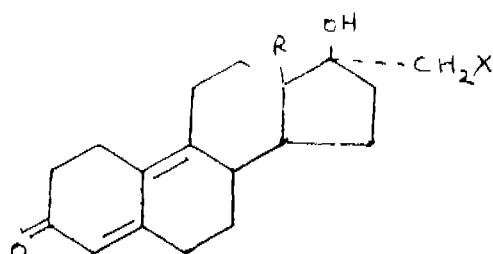
Applicant VEB JENAPHARM OF 69 JENA, POST FACH 150, GERMAN DEMOCRATIC REPUBLIC

Inventor DR. KURT PONSOID DR. MICHAEL HUBNER AND DR. MICHAEL OETTLI.

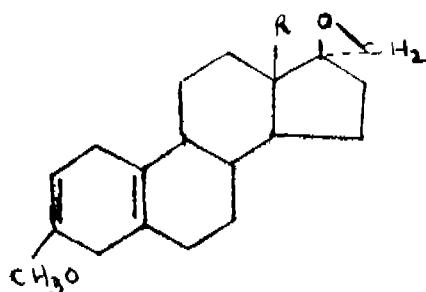
Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta

10 Claims

Process for the manufacture of new gona 4, 9(10) dienes of the general formula I.



wherein R represents an alkyl radical with 1 to 3 carbon atoms and X stands for Cl, Br, F, N3, SCN, CH, OR' (R' alkyl), NH2, a substituted amino group or a heterocycle containing nitrogen, characterized thus that 3 methoxy 13 β R gona-2, 5(10) diene 17 β spiro 1, 2 oxiranes of the general formula II.



wherein R has the above stated meaning, are split chemically with the aid of a nucleophilic agent of the general formula YX' wherein

Y' represents an alkali metal or a hydrogen atom and

X' represents a Cl-, Br-, F-atom, a N3-, SCN-, CN-, OH-, OR', NH2- or NR' R'' group as well as R' and R'' signify an alkyl radical or jointly a cycloalkyl radical, in the presence of organic solvents

at temperatures between 20°C to 100°C into the corresponding 3-methoxy-17 α -CH₂-X-13 β -R-gona-2, 5(10)-diene-17

β -oles of the general formula III wherein R represents an alkyl radical with 1 to 3 carbon atoms and X stands for Cl, Br, F, N3, SCN, CN, CH, OR' (R' alkyl), NH2, a substituted amino group or a heterocycle containing nitrogen, then hydrolysed with a weak acid catalyst to form the 17 β -hydroxy-17 α -CH₂-X-13 β -R-gona-5(10)-ene-3-ones of the general formula IV wherein R and X have the aforesaid meaning, and converted through treatment with a halogenation agent and subsequent separation by methods herein described of halogen hydride to the 17 β -hydroxy-17 α -CH₂-X-13 β -R-gona, 4, 9(10)-diene-3-ones of the general formula I.

CLASS 8
Int. Cl. G08b 17/00

146851.

A FIRE DETECTOR

Applicant & Inventor JAGADISH PRAKASH MAHUR, C/O A. B. MATIUR FLAT NO 12, 57 FLLOIT ROAD, CALCUTTA 16, STATE OF WEST BENGAL

Application No 55/Cal 78 filed January 16, 1978

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Calcutta.

6 Claims.

A fire detector comprising a base, a pair of contact terminals mounted on the base, ends of an intermediate line wire being connected at the ends of the terminals, at least one link spring held between the terminals above the base and within a cage or cover openings being formed in the base outside the cage or cover for securing the base to a battan or junction box as the case may be, characterised in that the said contact terminals are in the form of upright columns and extend below the base and in that the said cage or cover is non releasably fitted to the base

Comp.—8 pages, Digs.—1 sheet

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Bhavana Chemicals Limited to the grant of a patent on application No 145918 made by Camphor & Allied Products Ltd.

(2)

An opposition has been entered by Bhavana Chemicals Limited to the grant of a patent on application No 145927 made by Camphor & Allied Products Limited

(3)

An opposition has been entered by Orissa Cement Limited to the grant of a patent on application No 145961 made by Council of Scientific and Industrial Research.

(4)

An opposition has been entered by Bhavana Chemicals Limited to the grant of a patent on application No. 146086 made by Camphor & Allied Products Limited

CORRECTION OF CLERICAL ERRORS UNDER SECTION 78(3)

(1)

The title of the invention in the application and specification as well as opening description of the specification of patent application No 143731 (earlier numbered as 30/ Del/77) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 21st January, 1978 has been corrected to read as "A process of making an alcohol breath analyser and an apparatus obtained by such process", under section 78(3) of the Patents Act, 1970

(2)

The title of the invention in the application and specification as well as the opening description of the specification of patent application No 143770 (earlier numbered as 261/ Cal/76) the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 28th January, 1978 has been corrected to read as "A weighing

apparatus for continuously weighing a layer of fibre material and a preparatory spinning machine incorporating the same", under Section 78(3) of the Patents Act, 1970.

(3)

The title of the invention in the application and specification as well as opening description of the specification of application for Patent No. 144414 (earlier numbered as 560/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 6th May, 1978 has been corrected to read as "a coupler and a package of plurality of containers coupled by it", under Section 78(3) of the Patents Act, 1970.

(4)

The title in the application and specification as well as opening description of the specification of application for Patent No. 144607 (earlier numbered as 1361/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 20th May, 1978 has been corrected to read as "an installation for connecting the electric lamp prongs" under Section 78(3) of the Patents Act, 1970.

(5)

The title in the application, specification and also opening description of the specification of application for Patent No. 145350 (earlier numbered as 1138/Cal/77) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 30th September, 1978 has been corrected to read as "water distribution tray for an air cooler", under Section 78(3) of the Patents Act, 1970.

(6)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 145384 (earlier numbered as 2353/Cal/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 30th September, 1978 have been corrected to read as "a dynamo electric machine", under Section 78(3) of the Patents Act, 1970.

(7)

The title of the invention in the application, specification and also the opening description of the specification in respect of Patent Application No. 145430 (earlier numbered as 257/Bom/75) the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 7th October, 1978 have been corrected to read as "reinforced cement concrete precast shell footings and a process for its construction", under Section 78(3) of the Patents Act, 1970.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

117809 117845 117865 117946 118006 118033 118057 118103
118122 118282 118567 118582 118651 118728 119164 119165
119170 119339 119363 119562 119618 119756 120315 120341
120480 120832 121147 121240 121259 121446 121722 121742
121857 121950 121980 122014 122148 122252 122367 122394
124499 122720 122846 122910 122959 123144.

(2)

140531 140532 140533 140534 140535 140536 140539 140541
140542 140543 140544 140545 140546 140547 140548 140549
140550 140552 140553 140554 140555 140556 140557 140559
140560 140561 140562 140563 140565 140566 140567 140568
140569.

(3)
111760 112606.

PATENTS SEALED

137933 138902 141887 143167 143490 143499 143615 144076
144597 144807 144893 145057 145149 145193 145198 145215
145218 145227 145248 145253 145260 145305 145336 145353
145372 145426 145440 145514 145529 145536 145598 145607
145617 145619 145633 145657 145670 145692 145760 145767
145769 145777 145784 145785 145787 145794 145797 145803
145809 145818 145821 145826 145827 145829 145842 145846
145849 145864 145865 145870 145871 145880 145904 145913
145933 145936 145939 145956.

AMENDMENT PROCEEDINGS UNDER SECTION 57

(1)

Notice is hereby given that Snamprogetti S.p.A., an Italian Company, of Corso Venezia, 16, Milan, Italy, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for patent No. 143295 for "Process for producing tertiary alkyl ethers". The amendments are by way of correction explanation and disclaimer. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Texaco Trinidad Incorporated a Delaware corporation of 135 East 42nd Street, New York, New York 10017, U.S.A., have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 145531 for "Slow release fertilizer composition and processes for preparing same". The amendments are by way of correction to define the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No & Title of the invention

137630 (16-7-73) A process for reduction of phosphorus composition for the dope dyeing of polyacrylonitrile.
137630 (16-7-73) A process for reduction of phosphorus content from high phosphoric manganese ores by selective leaching.

137644 (31-7-73) Manufacturing of particulate expandable polymer requiring short mineral residence time in the mould.

137645 (28-11-72) Process for preparing pelletised fertiliser material.

137662 (10-1-73) A process for the production of 2-mercaptopbenzimidazole.

137685 (1-8-72) Process for the production of glass fibre reinforced cementitious products.

137763 (30-8-73) Improvement in or relating to production of composite nickel powder for sintered matrices used in alkaline storage batteries.

137849 (31-7-73) Process and apparatus for manufacturing of gases containing hydrogen and carbon monoxide.

RENEWAL FEES PAID

95636 95742 95877 96190 101001 101162 101571 101611
 101729 102220 103688 106373 106890 106923 107007 107121
 107223 107265 107552 107570 107899 108366 108716 109471
 109478 111333 111523 111524 111698 111897 111945 111978
 112088 112132 112371 112446 112569 112570 112588 112651
 112711 113240 113670 115064 116333 117043 117097 117475
 117496 117515 117544 117554 117561 117568 117570 117618
 117620 117700 117749 117778 117788 117789 117806 117818
 118063 119209 121428 122693 122717 122769 122893 122894
 122901 122988 122998 123092 123176 123184 123199 123269
 123278 123279 123306 123354 123479 123700 124564 124725
 125454 127327 127358 127401 127614 127950 127951 128031
 128036 128139 128219 128278 128283 128296 128343 128374
 128442 128484 128495 128498 128555 128637 129939 130076
 130109 130128 130326 130380 130407 132261 132340 132571
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 132856 132884 132930 132946 132977 133011 133012 133143
 133144 133198 133286 133287 133288 133428 134061 134077
 134339 135388 135443 135567 135810 136010 136044 136135
 136199 136223 136505 136521 136540 136647 136844 137269
 137390 138053 138490 138795 138847 138935 139328 139412
 139526 139626 139716 139729 139792 139943 139946 139980
 140069 140070 140128 140136 140394 140497 140577 140583
 140643 140698 141007 141009 141229 141279 141289 141484
 141497 141508 141595 141615 141620 141802 141847 141897
 141919 141941 141988 142026 142042 142115 142128 142141
 142214 142234 142282 142292 142302 142307 142360 142387
 142429 142435 142456 142464 142495 142508 142536 142546
 142548 142554 142668 142687 142688 142689 142703 142712
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142917 142918 142973 142974 143011 143052 143128 143278
 143395 143497 143544 143679 143641 143650 143691 143711
 143723 143799 143853 143895 143957 144020 144102 144110
 144119 144120 144139 144169 144179 144182 144205 144211
 144214 144220 144246 144272 144276 144292 144308 144340
 144344 144351 144355 144385 144387 144474 144528 144529
 144659 144669 144684 144905 145059 145065 145083 145103
 145838 145910 145912 145914 145919 145926 145929.

CESSATION OF PATENTS

95302 115714 130765 130767 130771 130784 130785 130797
 130822 130854 130864 130872 130883 130906 130908 130918
 130929 130954 130955 130959 130969 130970 130975 130979
 130995 130996 131014 131047 131061 131062 131084 131091
 131094 131097 131117 131118 131126 131151 131152 131159
 131165 131171 131172 131173 131178 131193 131218 131220
 131221 131243 131245 131250 131264 131265 131268 131271
 131275 131280 131287 131293 131294 131295 131317 131335
 131338 131344 131353 131368 132545 138774 141066 142276.

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 100478 dated 8th July 1965 made by American Flange & Manufacturing Co. Inc. on the 10th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 103932 dated the 17th February 1966 made by Franz Plasser Bahnbaumaschinen on the 3rd August 1978 and notified in the Gazette of India, Part III, Section 2 dated the 16th December 1978 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application was made under Section 60 of the Patents Act 1970 for the restoration of Patent No. 105954 granted to A. Monforts for an invention relating to "Machine for fixing and width-stretching a web of textile fabric". The patent ceased on the 28th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14th July, 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd Nov. 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(4)

Notice is hereby given that an application for restoration of Patent No. 116857 dated 18th July 1968 made by American Flange & Manufacturing Co. Inc on the 10th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 122554 dated 31st July 1969 made by American Flange & Manufacturing Co. Inc. on the 10th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

(6)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 132577 granted to Borgs Fabriks Aktiebolaget for an invention relating to "air craft arresting device". The patent ceased on the 19th August 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14th July 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(7)

Notice is hereby given that an application for restoration of Patent No. 134760 dated the 28th February 1972 made by Narasinha Govind Kamath on the 1st December 1978 and notified in the Gazette of India, Part III, Section 2 dated the 17th February 1979 has been allowed and the said patent restored.

(8)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 136011 granted to The Udyut Corporation for an invention relating to "process for charging the battery". The patent ceased on the 8th June 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 7th July 1979.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd November 1979 under Rule 69 of the Patents Rules 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(9)

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 137994 granted to Anil Kumar Biswas for an invention relating to "production of high purity copper by cementation of iron". The patent ceased on the 24th July 1978 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in

the Gazette of India, Part III, Section 2 dated the 30th June 1979

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17 on or before the 22nd November 1979 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the Opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

(10)

Notice is hereby given that an application for restoration of Patent No. 139762 dated the 4th March 1975 made by Mrs. Gurdev Inder Kaur Sandhu on the 25th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 23rd September 1978 has been allowed and the said patent restored.

(11)

Notice is hereby given that an application for restoration of Patent No. 140061 dated the 10th October 1974 made by Georg Fischer Aktiengesellschaft on the 10th July 1978 and notified in the Gazette of India, Part III, Section 2 dated the 9th September 1978 has been allowed and the said patent restored.

(12)

Notice is hereby given that an application for restoration of Patent No. 142883 dated the 13th April 1976 made by Ashok Kumar and Vijay Kumar on the 7th September 1978 and notified in the Gazette of India, Part III, Section 2 dated the 16th December 1978 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 147636. Syed Maqsood, an Indian National trading as : Bharat Stove & Light House, Chowk Bazar, Roorkee (U.P.) India, Indian National, "Lamp" October 12, 1978.

Class 1. No. 147783. Flamag as, S. A. Sales v Ferrer, 7 Barcelona, Spain, a Spanish Company, "Lighter" November 29, 1978.

Class 3. No. 147240. Chandrashekaraiah Guruprasad, 109, 7th Cross Road, N. R. Colony, Bangalore-19, Karnataka State, India, Indian, "Rotating circular filing system" June 20, 1978.

Class 3. No. 147748 Asian Advertisers, 20, Kala Bhavan 3, Mathew Road, Opera House, Bombay-400004, Maharashtra State, Indian Partnership firm, "Telephone Index" November 17, 1978.

Class 3. No. 147782 Plastics Metal Devices (India), H-172, Ashok Vihar, Delhi-110052, India, An Indian Partnership Firm, "Pencil sharpener", November 28, 1978.

Class 3. No. 147795. Prestige Moulding & Components, C-87, Mayapuri, Industrial Area, Phase II, New Delhi, an Indian Partnership concern, "Tricycle", December 5, 1978.

Class 4. No. 147793. Frederick Michael D'Souza, Indian National, of Frederick House, 3-Y. M. C. A. Road, Bombay-400 008, State of Maharashtra, India. "Bottle". December 4, 1978.

Class 4. No. 147800. Zandu Pharmaceutical Works Ltd., a Indian Company of Gokhale Road, South Dadar, Bombay-400025, Maharashtra, India. "Bottle". December 8, 1978.

Class 4. No. 147817. Globe Auto Industries, 63-64, Gokhale Market, Delhi-110054, an Indian Partnership concern. "Glass for Head Lamp of motor vehicles". December 13, 1978.

REGISTRATION OF ASSIGNMENTS,
LICENCES, ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the

following cases. The number of each case is followed by the names of the applicants for registration.

144764—Indmag Private Limited.

144819—Indmag Private Limited,

144820—Indmag Private Limited.

144821—Indmag Private Limited.

144853—Indmag Private Limited.

S. VEDARAMAN,

Controller-General of Patents, Designs and
Trade Marks.